

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,822,269 B2  
APPLICATION NO. : 10/582542  
DATED : October 26, 2010  
INVENTOR(S) : Tsukada

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Line 6 in Abstract: Delete “22,” and insert -- (22), --

Drawing Sheet 8 of 9, Fig. 11: Delete “CALUCULATE” and insert -- CALCULATE --

Column 4, Line 28: Delete “(DI)” and insert -- (DI) --

Column 9, Line 47: After “This” delete “association”

Column 10, Line 20: Delete “(DI)” and insert -- (DI) --

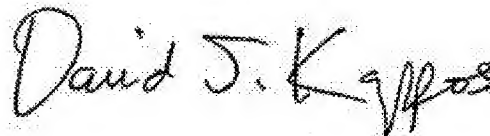
Column 15, Line 26: Delete “ $R_1(\lambda)=r_0(\lambda)+a_1r_1(\lambda)+a_2r_2(\lambda)+a_3r_3(\lambda)$ ” and  
insert --  $R_1(\lambda)=r_0(\lambda)+a_1r_1(\lambda)+a_2r_2(\lambda)+a_3r_3(\lambda)$  --

Column 17, Line 28: Delete “(Xl, Yl, Zl)” and insert -- (X1, Y1, Z1) --

Column 18, Line 22: Delete “observarable” and insert -- observable --

Column 20, Line 20: Delete “(I1)” and insert -- (II) --

Signed and Sealed this  
Tenth Day of May, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos  
*Director of the United States Patent and Trademark Office*